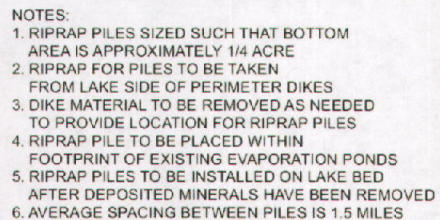


Waterbird Island Construction Objectives

1. Construct potential nesting habitat for waterbird species within the area
2. Avoid potential hazards to navigation

Waterbird Island Construction

- Construct approximately 20 one-quarter acre islands spaced 1.5 miles apart
- Island spacing will allow for water traffic to pass within greater than one mile distances when area is flooded
- Island spacing will allow for pedestrian and vehicle traffic to pass within greater than one mile distances when area is dry
- Islands would be a minimum of 9 feet tall to allow for watercraft visibility during high water periods



RIPRAP PILE CROSS SECTION

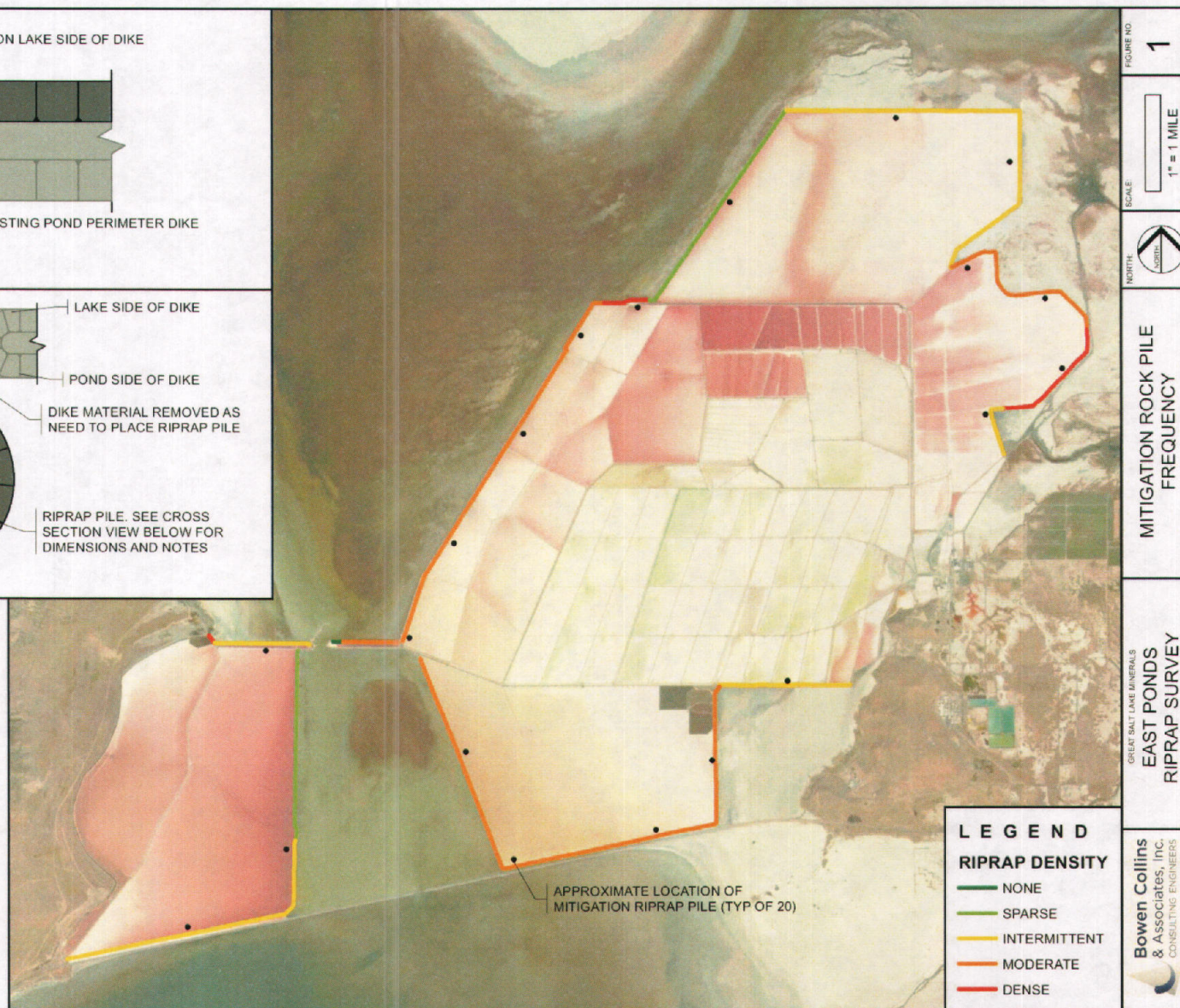


FIGURE NO.

63

1000000

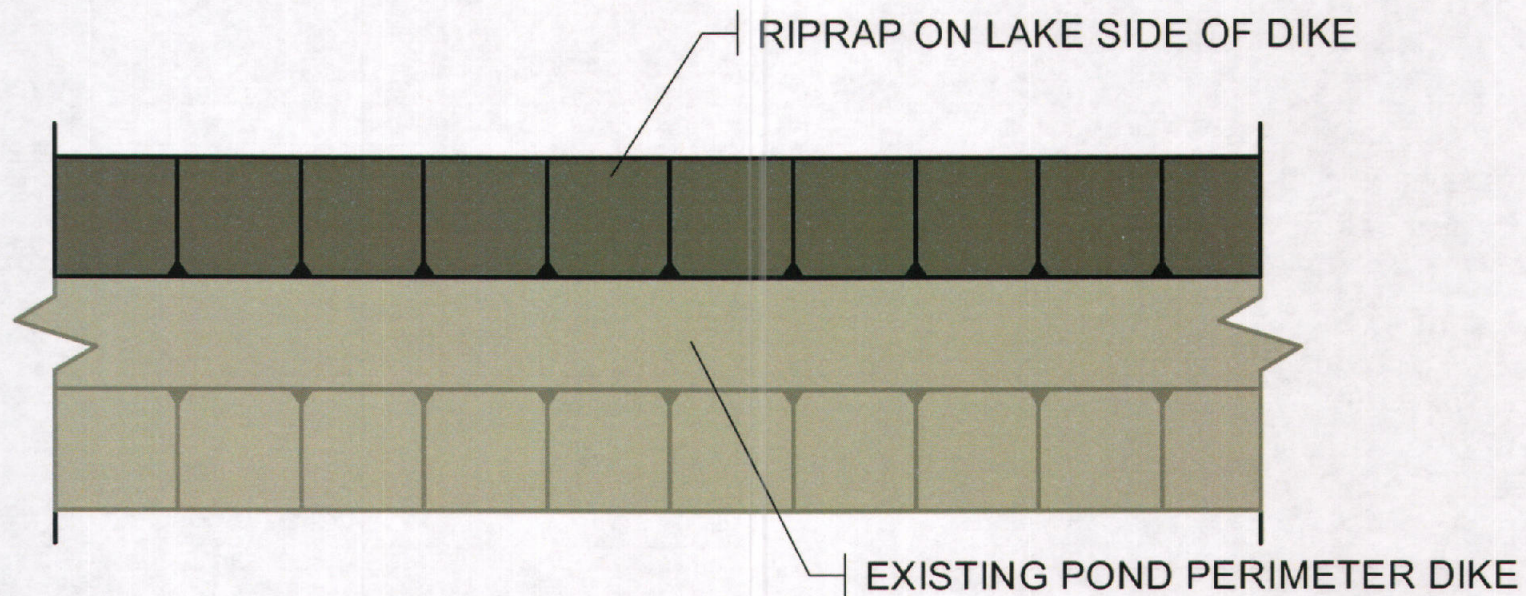
MITIGATION ROCK PILE
FREQUENCY

GREAT SALT LAKE MINERALS
EAST PONDS
RIPRAP SURVEY



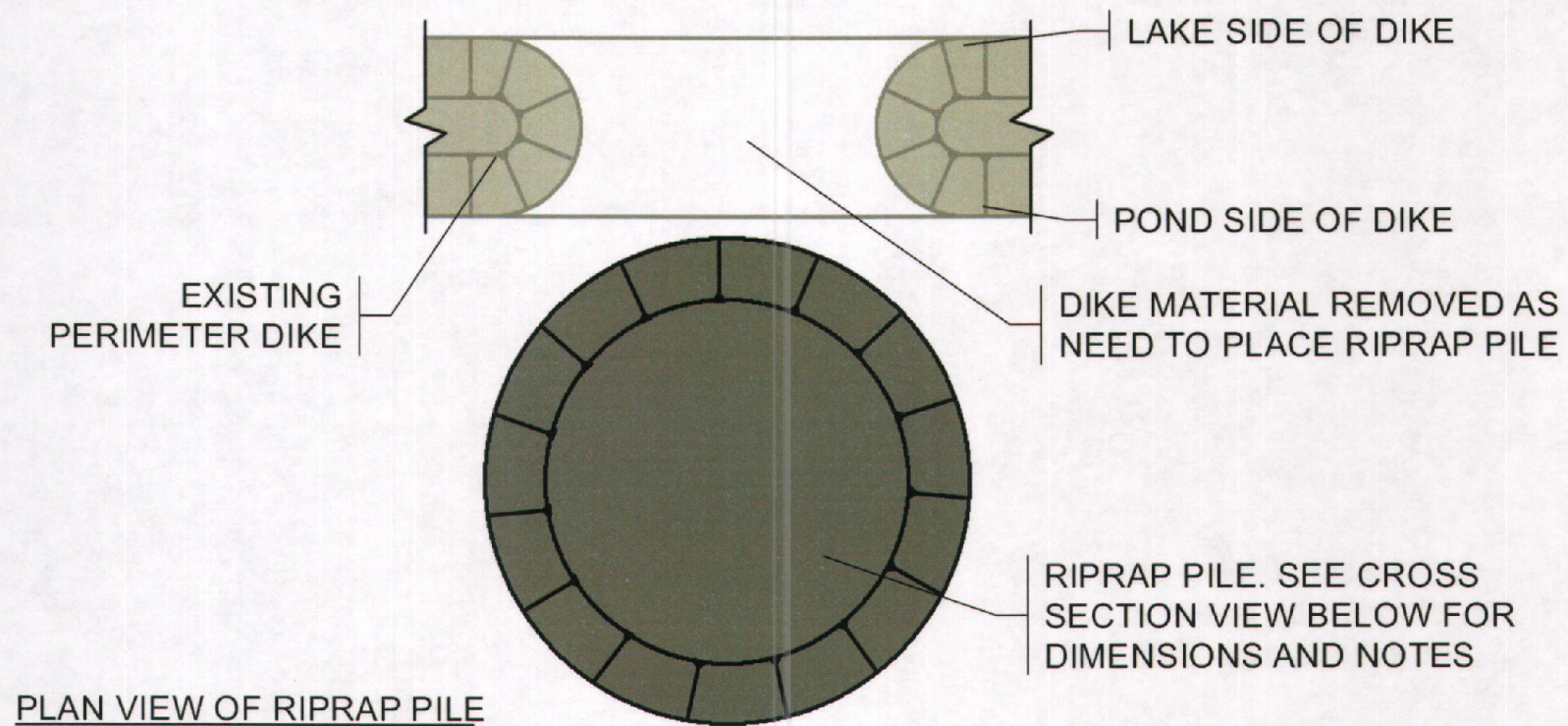
**Bowen Collins
& Associates, Inc.**
CONSULTING ENGINEERS

- Islands would be constructed using rock rip-rap taken from de-constructed levees

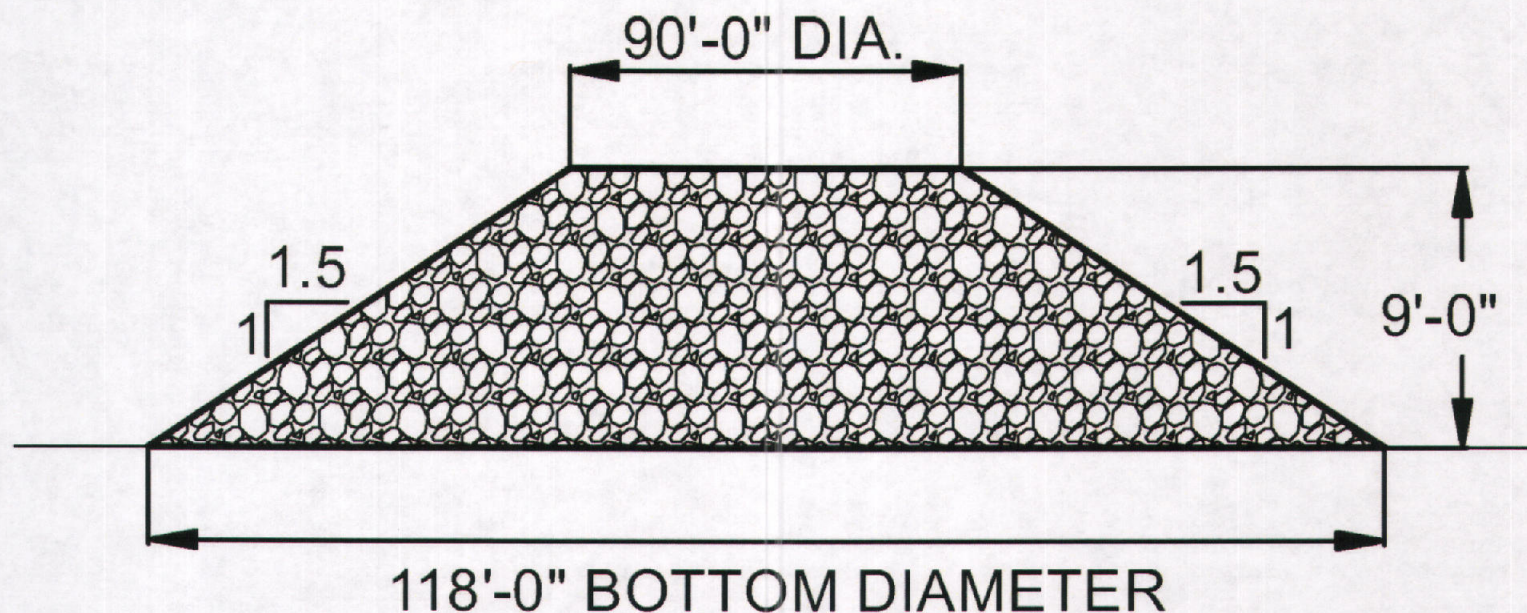


PLAN VIEW OF EXISTING PERIMETER DIKE

- Island would be located near levee breaches



- Tops of the islands would be approximately 90 feet in diameter



Waterbird Island Construction

- The majority of island top and side slopes would consist of rocky surfaces with spaces between the rock left open
- Tops of 20% of the constructed islands would be loosely filled with levee material consisting of a varied mix of silts, clays, sands, and gravel
- All island side slopes would consist of rocky surfaces with spaces between the rock left open

